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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
Sheet	1	of	1	Application Number	10/727,570
				Filing Date	December 5, 2003
				First Named Inventor	Sung Su JUNG, et al
				Art Unit	1762
				Examiner Name	LIN, James
				Attorney Docket Number	8734.268 US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AA		US 2002/0018173	02/14/2002	Furukawa et al	
		US 2002/0167634	11/14/2002	Watanabe et al	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
BA		JP 07-318952	12/08/1995	Sharp KK (abstract)	
		JP 2004-163952	06/10/2004	LG.Philips LCD Co., Ltd. (abstract)	
		JP 04-305265	10/28/1992	Musashi Eng KK (abstract)	
		JP 01-132197	05/23/1989	Sanyo Electric Co., Ltd. (abstract)	
		JP 2004-030941	01/29/2004	Toray Ind Inc. (abstract)	
		JP 2004-113910	04/15/2004	Shibaura Mechatronics Corp (abstract)	
		JP 2004-212976	07/29/2004	LG.Philips LCD Co., Ltd. (abstract)	
		JP 05-146732	06/15/1993	Toshiba Corp. (abstract)	
		JP 2004-163952	06/10/2004	LG.Philips LCD Co., Ltd. (abstract)	
		JP 2003-047899	02/18/2003	Shibaura Mechatronics Corp (abstract)	
		JP 10-296133	11/10/1998	Hirohama KK, et al (abstract)	
		JP 03-094859	04/19/1991	Musashi Eng KK (abstract)	
		JP 09-099268	04/15/1997	Musashi Eng KK (abstract)	
		JP 10-240172	09/11/1998	Sharp KK (abstract)	
		JP 11 064862	03/05/1999	Tokyo Shibaura Electric Co. (abstract)	
		JP 10-107289	04/24/1998	Matsushita Electric Ind Co., Ltd. (abstract)	
		JP 60-003609	01/10/1985	Sharp KK (abstract)	
		JP 2002-023128	01/23/2002	Minolta Co., Ltd. (abstract)	
		JP 2002-311439	10/23/2002	Nippon Electric Co. (abstract)	
		JP 05-023332	12/07/1993	Tokyo Shibaura Electric Co. (abstract)	

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NON PATENT LITERATURE DOCUMENTS					
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